**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the instant application:

**Listing of Claims:**

1. (Currently Amended) A ~~self-calibrating~~ self-calibrating imaging display system comprising:

a display having a screen;

at least one photosensor formed on a transparent sheet removeably affixed to ~~integrated with~~ said screen, said photosensor detecting luminance value correlating to a luminance level of said screen.

2. (Currently Amended) The ~~self-calibrating~~ self-calibrating imaging display system of claim 1, wherein said at least one photo sensor comprises an array of photosensors.

3. (Currently Amended) The ~~self-calibrating~~ self-calibrating imaging display system of claim 2, wherein said array of photosensors comprises photosensors horizontally and vertically dispersed over a portion of said ~~screen~~ transparent sheet.

4. (Currently Amended) The ~~self-calibrating~~ self-calibrating imaging display system of claim 3, wherein said portion is a region of said ~~screen~~ transparent sheet comprising at least 90% of a surface area of said screen.

5. (Currently Amended) The ~~self-calibrating~~ self-calibrating imaging display system of claim 1, wherein said at least one photosensor is formed into said ~~screen~~ transparent sheet.

6. (Canceled)

7. (Currently Amended) The ~~self-calibrating~~ self-calibrating imaging display system of claim 1, further comprising a calibration module, said calibration module receiving an input from said photosensors correlating to said luminance value and determining at least one luminance correction factor which is applied to adjust luminance of said screen.

8. (Currently Amended) The ~~self-calibrating~~ self-calibrating imaging display system of claim 7, wherein a plurality of luminance correction factors are determined, different ones of said luminance correction factors being applied to different regions of said screen.

9. (Currently Amended) The ~~self-calibrating~~ self-calibrating imaging display system of claim 7, wherein said calibration module automatically updates said luminance correction factor at predetermined intervals.

10. (Currently Amended) The ~~self-calibrating~~ self-calibrating imaging display system of claim [[7]] 8, wherein said calibration module updates said luminance correction factor at said different regions responsive to a user input on said transparent sheet at said different regions.

11. (CurrentlyAmended) The ~~self-calibrating~~ self-calibrating imaging display system of claim 7, said calibration module generating a calibration record upon an update of said luminance correction factor.

12. (Currently Amended) The ~~self-calibrating~~ self-calibrating imaging display system of claim 1, wherein said imaging display is a medical imaging display.

13. (Currently Amended) A ~~self-calibrating~~ self-calibrating imaging display system comprising:

a display having a screen;

at least one photosensor formed on a transparent sheet removeably affixed to ~~integrated with~~ said screen, said photosensor detecting color values correlating to a color level of said screen.

14. (Currently Amended) The ~~self-calibrating~~ self-calibrating imaging display system of claim 13, wherein said at least one photo sensor comprises an array of photosensors.

15. (Currently Amended) A method of calibrating an imaging display system comprising the steps of:

receiving at least one luminance value from at least one photosensor formed on a transparent sheet removeably affixed to ~~integrated with~~ a screen of a display, said photosensor detecting luminance levels of said screen; and

from said detected luminance levels, determining at least one luminance correction factor which is applied to adjust luminance of said screen.

16. (Original) The method of calibrating an imaging display system according to claim 15, wherein said at least one photo sensor comprises an array of photosensors.

17. (Currently Amended) The method of calibrating an imaging display system according to claim 16, wherein said array of photosensors comprises photosensors horizontally and vertically dispersed over a portion of said ~~screen~~ transparent sheet.

18. (Currently Amended) The method of calibrating an imaging display system according to claim 17, wherein said portion is a region of said screen comprising at least 90% of a surface area of said ~~screen~~ transparent sheet.

19. (Currently Amended) The method of calibrating an imaging display system according to claim 17, wherein a plurality of luminance correction factors are determined, different ones of said luminance correction factors being applied to different regions of said ~~screen~~ transparent sheet.

20. (Original) The method of calibrating an imaging display system according to claim 15, further comprising the step of automatically updating said luminance correction factor at predetermined intervals.

21. (Currently Amended) The method of calibrating an imaging display system according to claim [[15]] 19, further comprising the step of updating said luminance correction factor at said different regions responsive to a user input on said transparent sheet at said different regions.

22. (Original) The method of calibrating an imaging display system according to claim 15, further comprising the step of generating a calibration record upon an update of said luminance correction factor.

23. (Currently Amended) A method of calibrating an imaging display system comprising the steps of:

receiving at least one color value from at least one photosensor formed on a transparent sheet removeably affixed to ~~integrated with~~ a screen of a display, said photosensor detecting color levels of said screen; and

from said detected color levels, determining at least one color correction factor which is applied to adjust color levels of said screen.

24. (Original) The method of calibrating an imaging display system according to claim 23, wherein said at least one photo sensor comprises an array of photosensors.

25. (Currently Amended) A machine-readable storage having stored thereon a computer program having a plurality of code sections, the code sections executable by a machine for causing the machine to perform the steps of:

receiving at least one luminance value from at least one photosensor formed on a transparent sheet removeably affixed to ~~integrated with~~ a screen of a display, said photosensor detecting luminance levels of said screen; and

from said detected luminance levels, determining at least one luminance correction factor which is applied to adjust luminance of said screen.

26. (Original) The machine-readable storage of claim 25, wherein said at least one photo sensor comprises an array of photosensors.

27. (Currently Amended) The machine-readable storage of claim 26, wherein said array of photosensors comprises photosensors horizontally and vertically dispersed over a portion of said ~~screen~~ transparent sheet.

28. (Currently Amended) The machine-readable storage of claim 27, wherein said portion is a region of said screen comprising at least 90% of a surface area of said ~~screen~~ transparent sheet.

29. (Currently Amended) The machine-readable storage of claim 27, wherein a plurality of luminance correction factors are determined, different ones of said luminance correction factors being applied to different regions of said ~~screen~~ transparent sheet.

30. (Original) The machine-readable storage of claim 25, further comprising the step of automatically updating said luminance correction factor at predetermined intervals.

31. (Currently Amended) The machine-readable storage of claim [[25]] 29, further comprising the step of updating said luminance correction factor at said different regions responsive to a user input on said transparent sheet at said different regions.

32. (Original) The machine-readable storage of claim 23, further comprising the step of generating a calibration record upon an update of said luminance correction factor.